

December 2004 Claims Status Following the  
4 June 2004 and 30 November 2004  
Official Actions

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Claim 9(new). For the environment of a selectable sleeping mattress having a substantially rectangular and horizontal upper sleeping surface, and which sleeping surface is uprightly peripherally defined by: four cornerwise upright locations, and also two parallel upright longitudinal-edges which are mattress cornerwise intersected by two parallel upright transverse-edges, an improved structure for self-interlocking frame for sleeping mattresses and comprising four elongate bars and each being respectively unitarily constructed continuously throughout of resiliently compressive resinous structural material, and each being lengthwise throughout of substantially rectangular cross-sectional shape, and each said bars comprising

(A1) a pair of parallel and directionally longitudinal-bars respectively extending along central longitudinal-axis therefor between upright endwise-termini and uprightly flanked by an upright inner-surface that substantially uprightly abuts a mattress upright longitudinal-edge,

(A2) a pair of directionally transverse-bars respectively extending along a central transverse-axis therefor between its endward-termini and uprightly flanked by an upright inward-surface that substantially uprightly abuts a mattress transverse-edge, and

whereby said recited bars' intervening inner-surfaces and inward-surfaces uprightly intersect immediately respectively outwardly from a mattress corner locations; and

(B) among the said recited four elongate bars, and located outwardly about mattress corner locations, uprightly and linearly defined tongue-and-groove mateable bars' intersections and there for interlocking cornerwise respective longitudinal-bars with mattress cornerwise confronting transverse-bars.

This claim~~9~~ (new) is intended to supercede and replace the herein non-canceled claim 1 (currently amended) filed 30 August 2004.

Please now also consider the following new claims 2 (currently amended), and claims 3-8 (original).

2. (currently amended). The improved environment of claim~~4~~ 9(new) wherein the said respective tongue-and-groove mateable configurations are respectively located between a longitudinal-bars' central longitudinal-axis and inner-surface therefor, and also between a transverse-bars' central transverse-axis and inward-surface therefor.

3. (original). The improved structure of claim~~2~~ 2(currently amended) wherein the tongue portion of each said tongue-and-groove mateable configurations is uprightly instituted at oppositely disposed at directionally transversely located endward-terminii of said transverse-bars and for removable engagement with uprightly grooved portions instituted at a longitudinal-bar inner-surface.

4 (original) The improved structure of Claim 3 wherein the inward-surfaces of the transverse-bars at said endward-termini concavely intersects a longitudinal-bar inner-surface.

5 (original) The improved structure of Claim 4 wherein said inner-surface grooved longitudinal-bars and said tongued transverse-bars are respectively constructed throughout of polyurethane resinous material.

6 (original) The improved structure of Claim 2 wherein the tongue portion of each said tongue-and-groove mateable configurations is uprightly instituted from a longitudinal-bar inner-surface for removable engagement with an upright groove at a transverse-bar endward-terminus.

7 (original) The improved structure of Claim 6 wherein also there is a concave intersection between longitudinal-bar inner-surface and transverse-bar inward-surface; and wherein said configured longitudinal-bars and transverse-bars are respectively constructed throughout of polyurethane resinous material.

8 (original) The improved structure of Claim 2 wherein adjacent each said tongue-and-groove removably interlocking mattress-cornerwise intersection, the transverse-bar outward-surface is uprightly co-planar with the longitudinal-bar endwise-terminus; and wherein said longitudinal-bars and transverse-bars, and including their tongue-and-groove mateable capabilities, are constructed throughout of polyurethane resinous material.